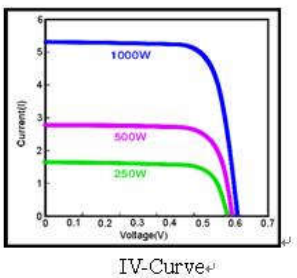
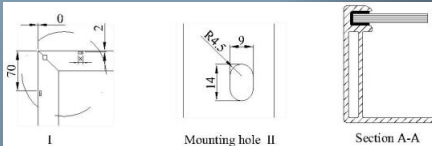
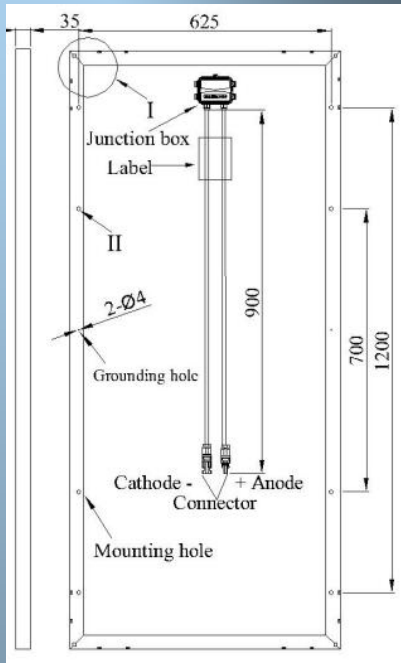
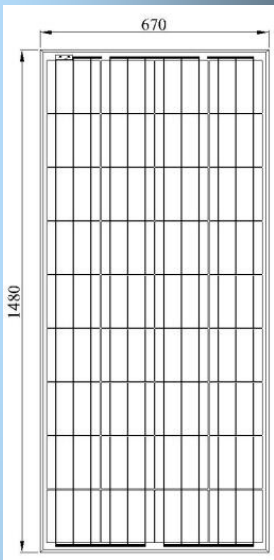
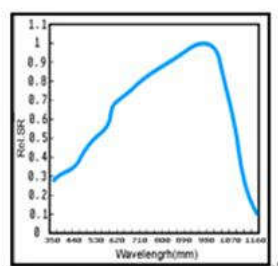


## DIMENSION OF PV MODULE



IV-Curve



Spectral Response

# SPM(P) 135-160W 6<sup>inches</sup> /36 Cells

## Electrical Characteristics

STANDARD TEST CONDITIONS: IRRADIANCE: 1000W/M<sup>2</sup> AM: 1.5 TEMPERATURE: 25°C

Maximum Power (Pmax)	135W	140W	145W	150W	155W	160W
Maximum Power Voltage (Vmp)	17.13	17.57	17.58	18.03	18.26	18.78
Maximum Power Current (Imp)	7.88	7.97	8.25	8.32	8.49	8.52
Open Circuit Voltage (Voc)	20.67	21.12	21.44	22.03	22.64	23.12
Short Circuit Current (Isc)	8.71	8.84	9.02	9.08	9.13	9.19
Module Efficiency (%)	13.61	14.12	14.62	15.13	15.63	16.14

## Temperature Coefficients

Temperature Coefficients of Pm	-0.45%/°C
Temperature Coefficients of Voc	-0.34%/°C
Temperature Coefficients of Isc	+0.05%/°C

## Max. Limits

Maximum System Voltage	1000V
Module Operating Temperature	-40 to +90°C
Noct	45°C±2°C

## Mechanical Characteristics

Cell Technology and size	156mmx156mm(6 inches) Poly-crystal silicon
Number of Cells (Pcs)	36(4x9)
Dimensions	1480x670*35mm
Weight	11 kgs
Frame	Anodized Aluminum Alloy
Length of Cables (mm)	900mm (35.43inch)
Allowable Hail Load	227g steel ball dropped from 1m height
Surface Maximum Load Capacity	5400pa

## Packaging configuration

Modules per carton	2pcs
Modules per 20' container	600pcs
Modules per 40' container	1500pcs

Allesun new Energy (Vietnam) Co.,Ltd .

Add:Block B1, Song Khe-Noi Hoang industrial zone, Song Khe commune, Bac Giang city,

Bac Giang province, Vietnam